

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050620AR\
 Data File : FD033293.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2020 18:06
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 03:50:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 03:25:25 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.590	5868309	51.827 ug/ml
Spiked Amount 50.000		Recovery =	103.65%
6) S 2-Fluorobiphenyl (SURR)	8.453	4026943	52.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.95%
11) S ortho-Terphenyl (SURR)	11.485	6597314	49.707 ug/ml
Spiked Amount 50.000		Recovery =	99.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	5977487	51.087 ug/ml
2) T Naphthalene (C11.7)	5.932	6344567	51.996 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	6404473	52.094 ug/ml
5) T Acenaphthylene (C15.06)	8.255	6263482	50.955 ug/ml
7) T Acenaphthene (C15.5)	8.551	6560803	50.880 ug/ml
8) T Fluorene (C16.55)	9.330	6476071	51.303 ug/ml
9) T Phenanthrene (C19.36)	10.725	6577837	50.510 ug/ml
10) T Anthracene (C19.43)	10.801	6381552	50.594 ug/ml
12) T Fluoranthene (C21.85)	12.537	6713982	49.930 ug/ml
13) T Pyrene (C20.8)	12.833	6638276	49.932 ug/ml
14) T Benzo[a]anthracene (C...	14.705	6418383	50.425 ug/ml
15) T Chrysene (C27.41)	14.748	6561733	49.538 ug/ml
16) T benzo[b]fluoranthene ...	16.259	6470149	50.090 ug/ml
17) T Bnezo[k]fluoranthene ...	16.293	6504013	48.972 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.640	6455579	50.583 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	6273446	52.321 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	6227176	47.566 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	6196656	49.899 ug/ml

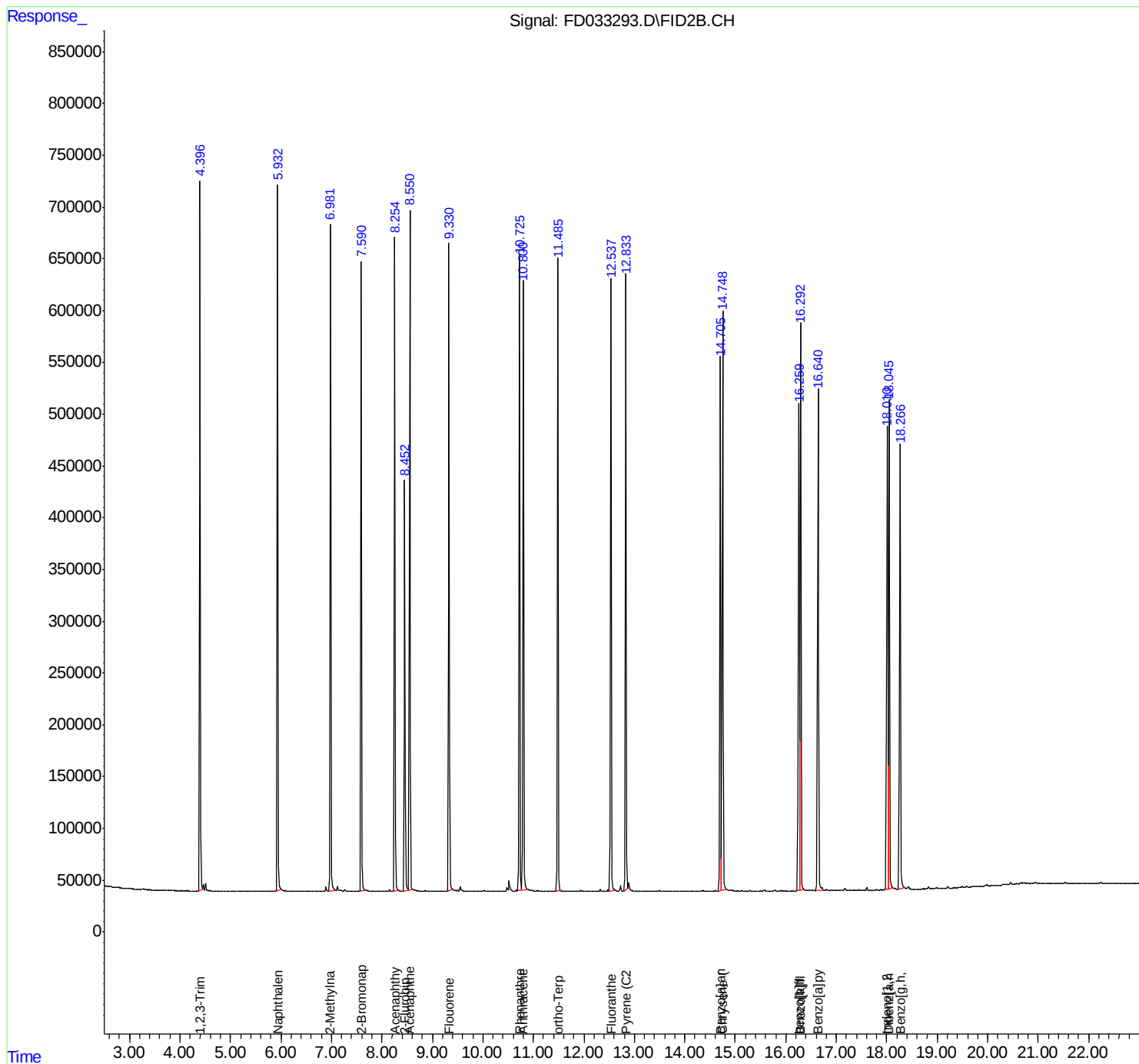
(f)=RT Delta > 1/2 Window

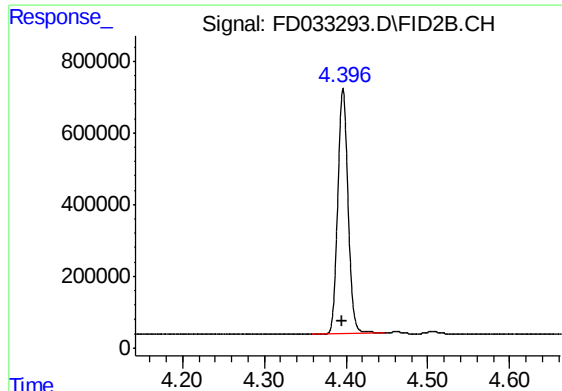
(m)=manual int.

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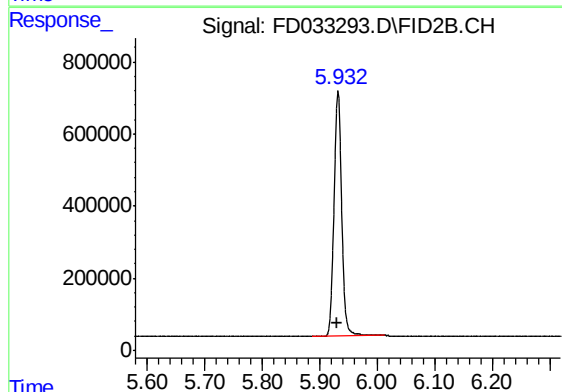
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





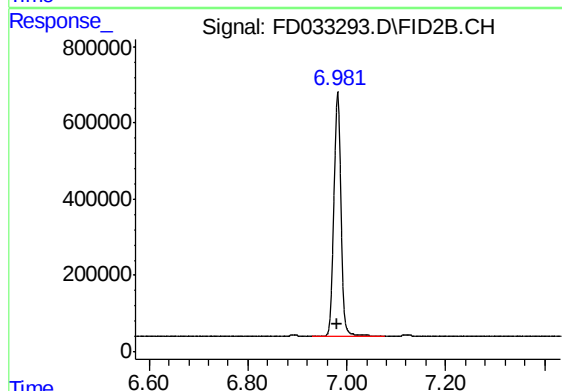
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 5977487
Conc: 51.09 ug/ml



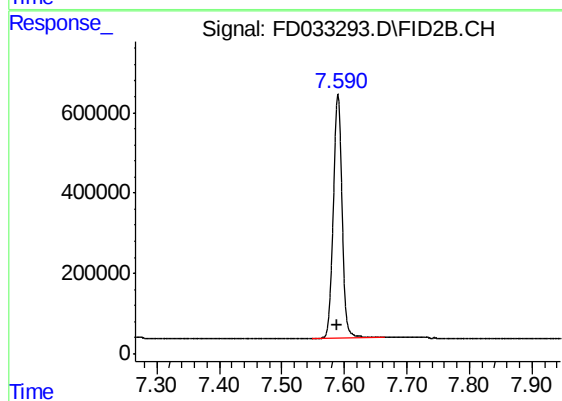
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 6344567
Conc: 52.00 ug/ml



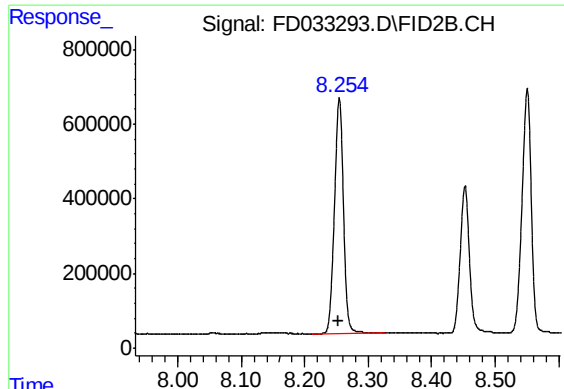
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 6404473
Conc: 52.09 ug/ml



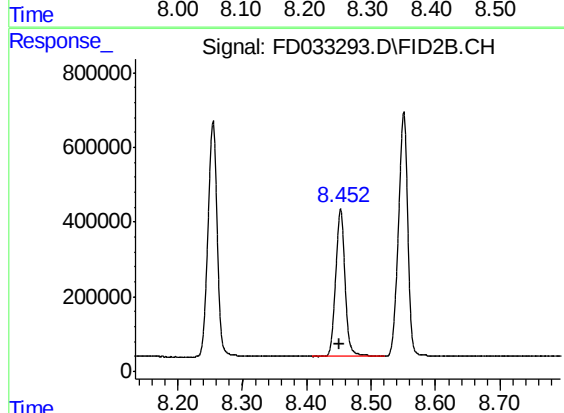
#4 2-Bromonaphthalene (SURR)

R.T.: 7.590 min
Delta R.T.: 0.002 min
Response: 5868309
Conc: 51.83 ug/ml



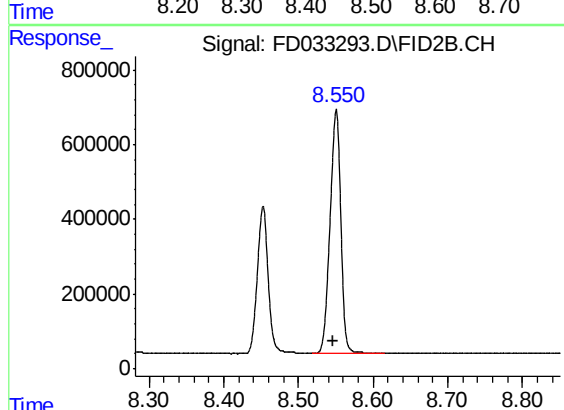
#5 Acenaphthylene (C15.06)

R.T.: 8.255 min
Delta R.T.: 0.003 min
Response: 6263482
Conc: 50.96 ug/ml



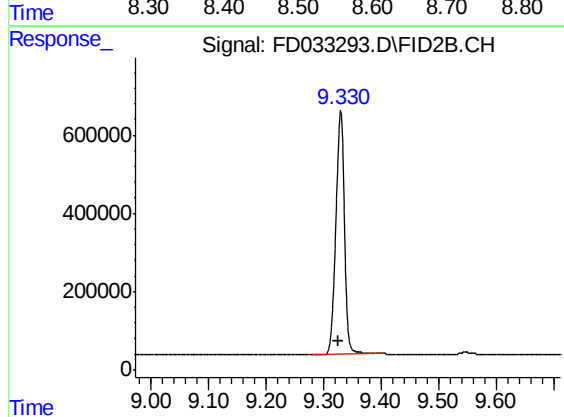
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.002 min
Response: 4026943
Conc: 52.97 ug/ml



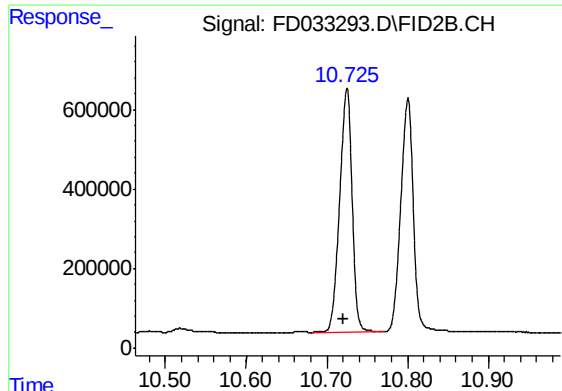
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: 0.004 min
Response: 6560803
Conc: 50.88 ug/ml



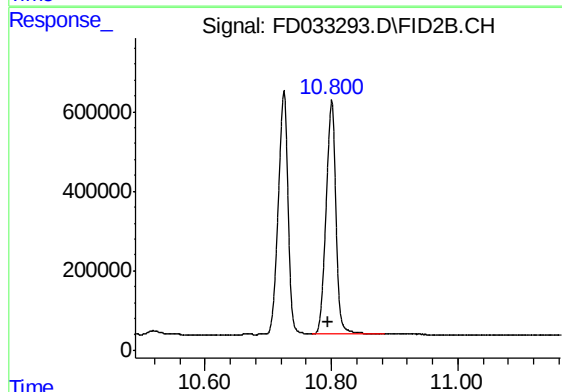
#8 Fluorene (C16.55)

R.T.: 9.330 min
Delta R.T.: 0.003 min
Response: 6476071
Conc: 51.30 ug/ml



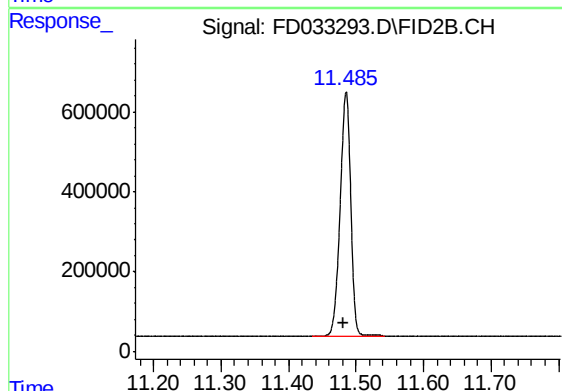
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: 0.005 min
Response: 6577837
Conc: 50.51 ug/ml



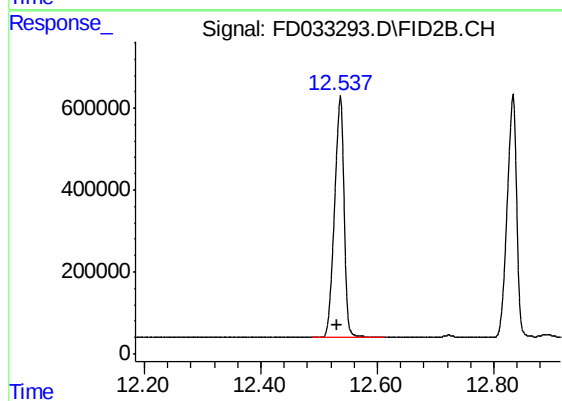
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: 0.005 min
Response: 6381552
Conc: 50.59 ug/ml



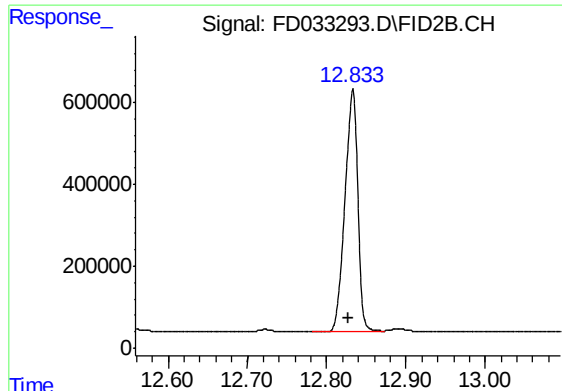
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: 0.004 min
Response: 6597314
Conc: 49.71 ug/ml



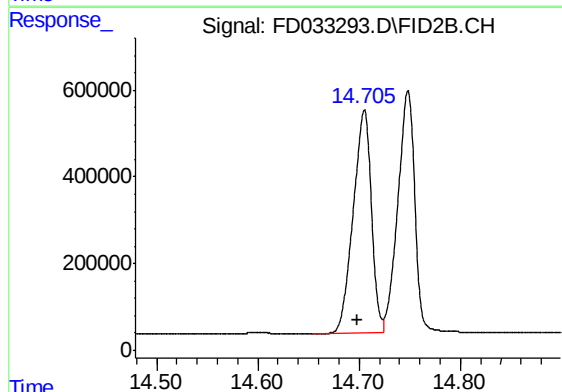
#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: 0.006 min
Response: 6713982
Conc: 49.93 ug/ml



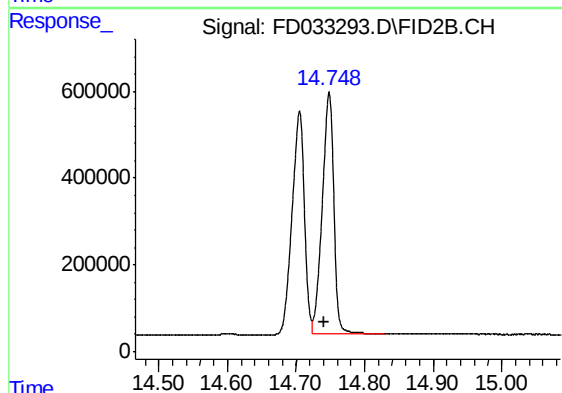
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: 0.006 min
Response: 6638276
Conc: 49.93 ug/ml



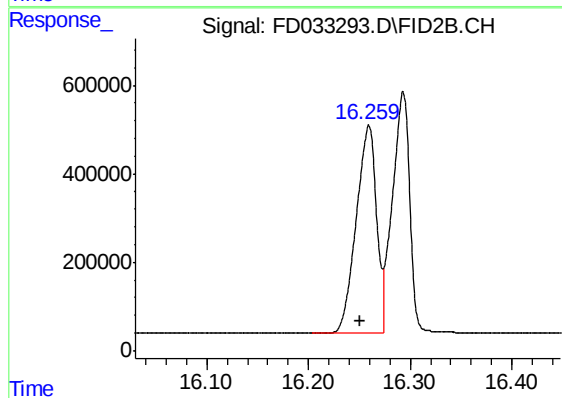
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: 0.006 min
Response: 6418383
Conc: 50.42 ug/ml



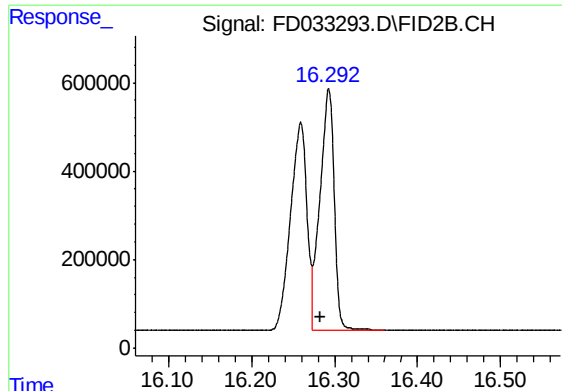
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 6561733
Conc: 49.54 ug/ml



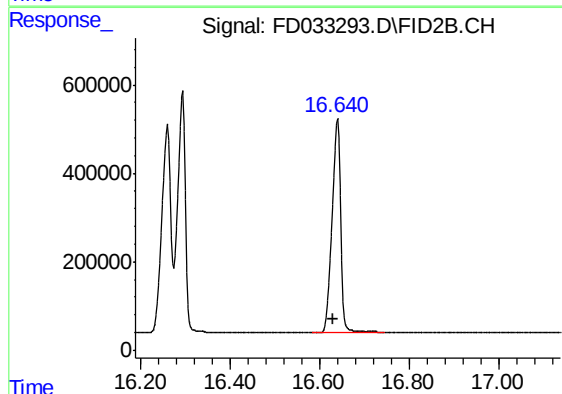
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.259 min
Delta R.T.: 0.008 min
Response: 6470149
Conc: 50.09 ug/ml



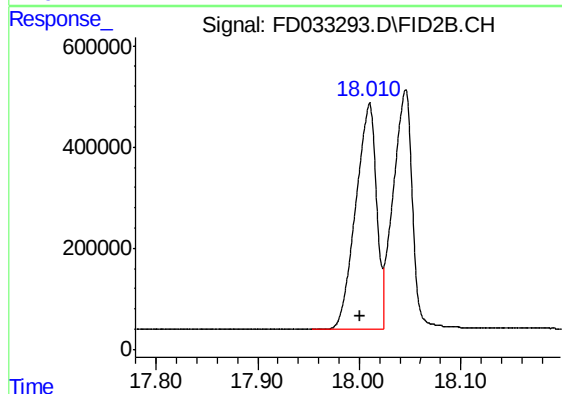
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.293 min
Delta R.T.: 0.010 min
Response: 6504013
Conc: 48.97 ug/ml



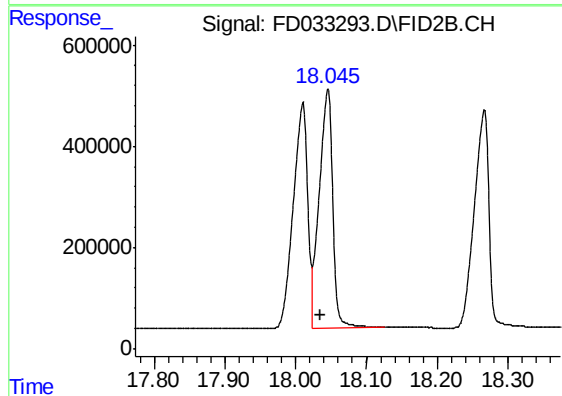
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.640 min
Delta R.T.: 0.009 min
Response: 6455579
Conc: 50.58 ug/ml



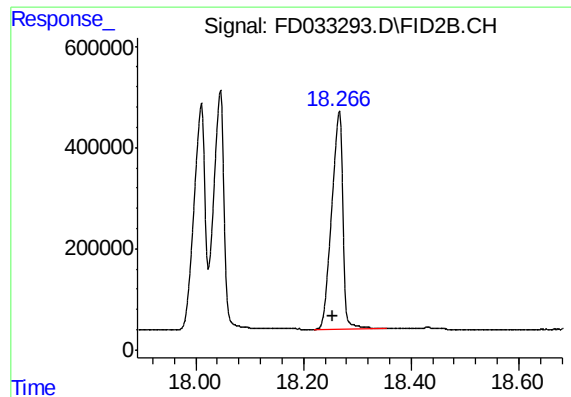
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.010 min
Response: 6273446
Conc: 52.32 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.046 min
Delta R.T.: 0.010 min
Response: 6227176
Conc: 47.57 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.267 min
Delta R.T.: 0.013 min
Response: 6196656
Conc: 49.90 ug/ml